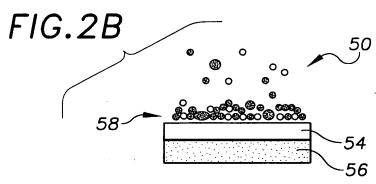
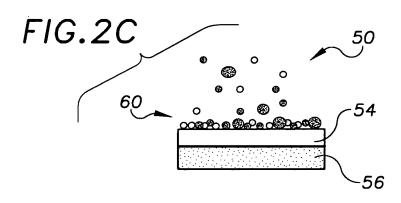


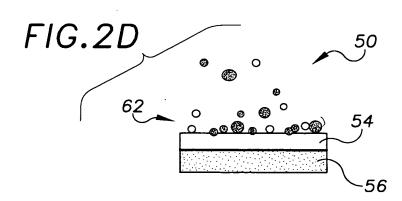
- REACTANTS
- O PRODUCTS



- REACTANTS
- O PRODUCTS



- REACTANTS
- O PRODUCTS



- REACTANTS
- O PRODUCTS

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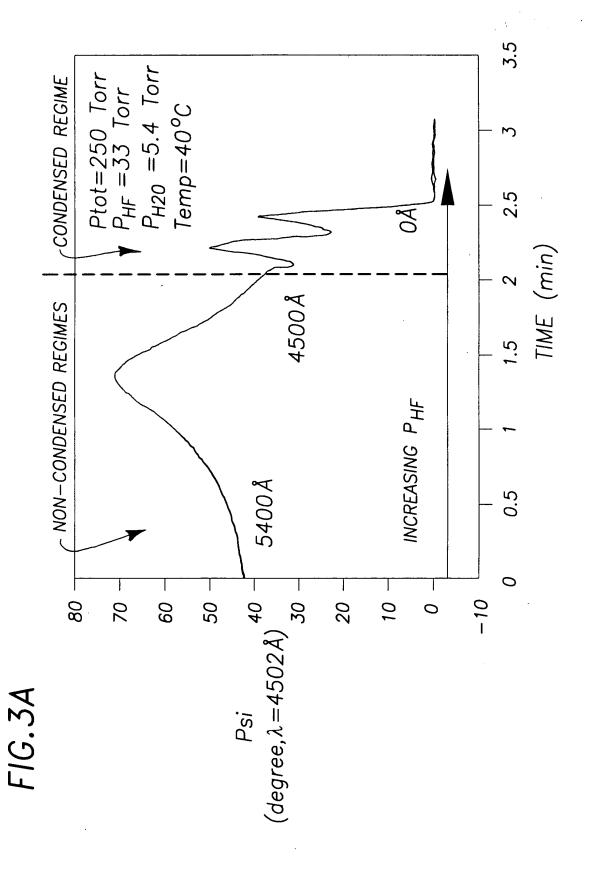


FIG.3B

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Psi(degree)

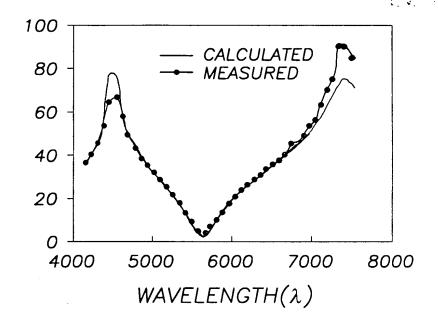


FIG.3C

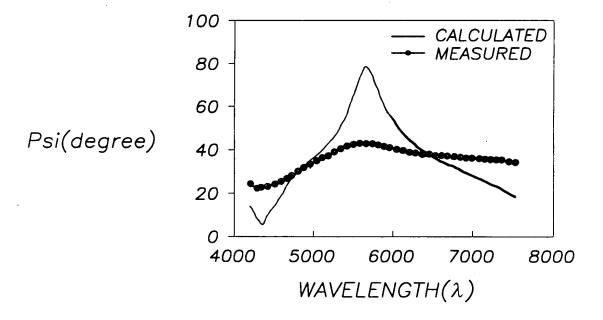


FIG.4A

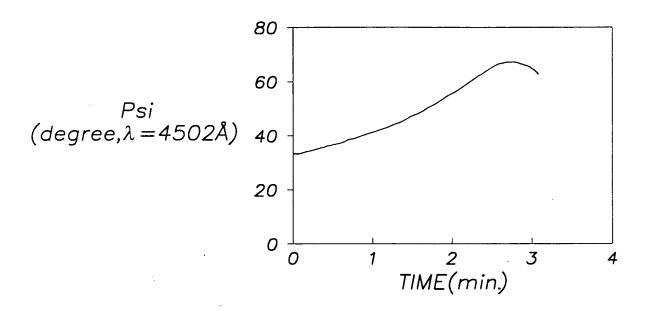


FIG.4B

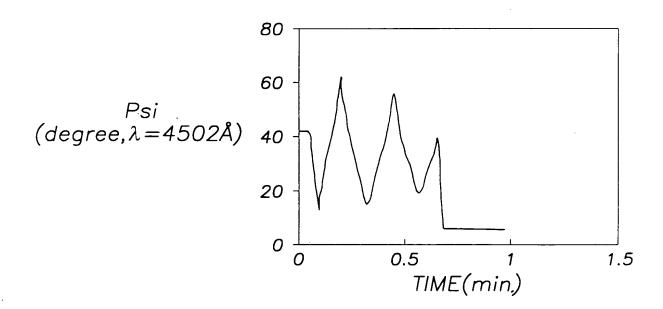


FIG.5

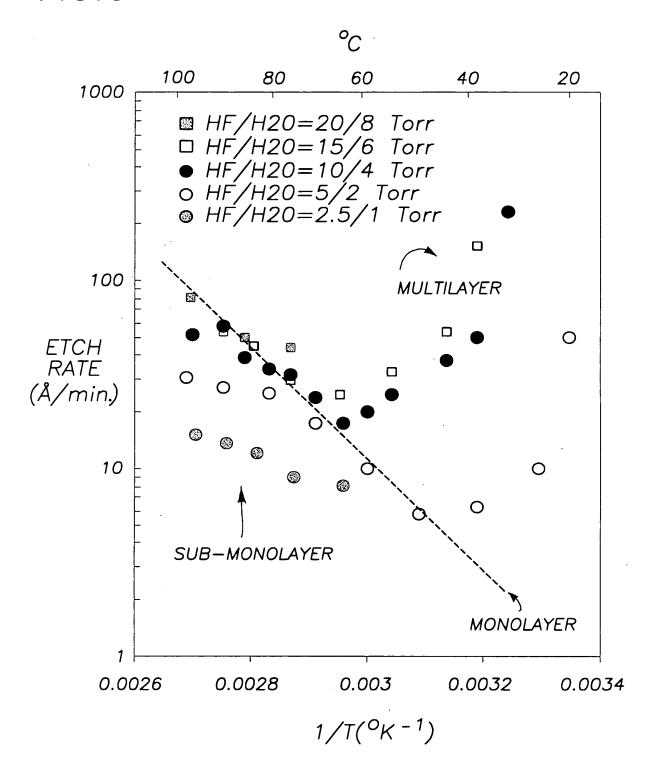


FIG.6

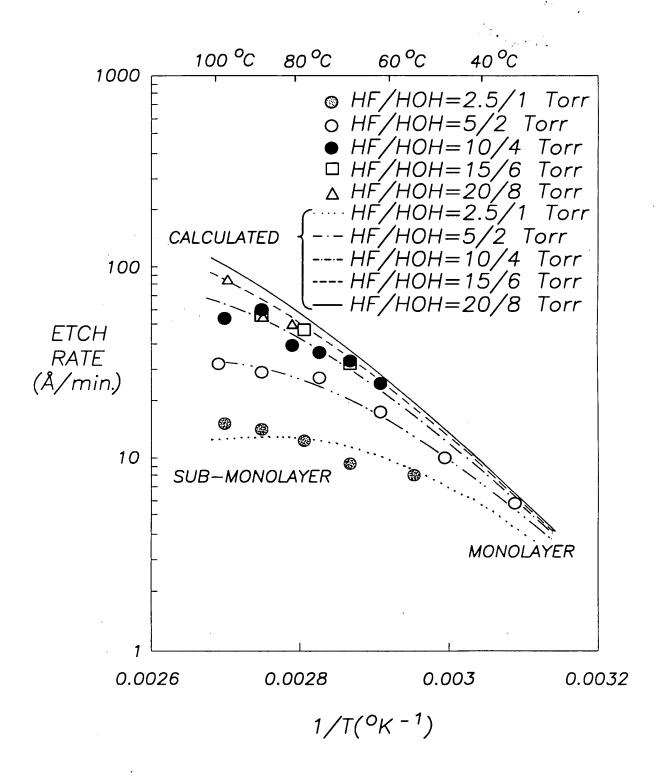


FIG.7A



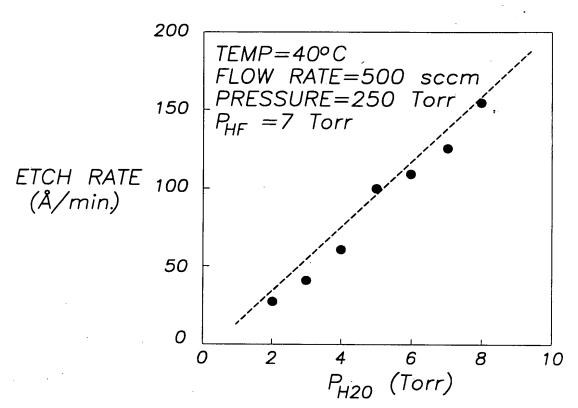


FIG.7B

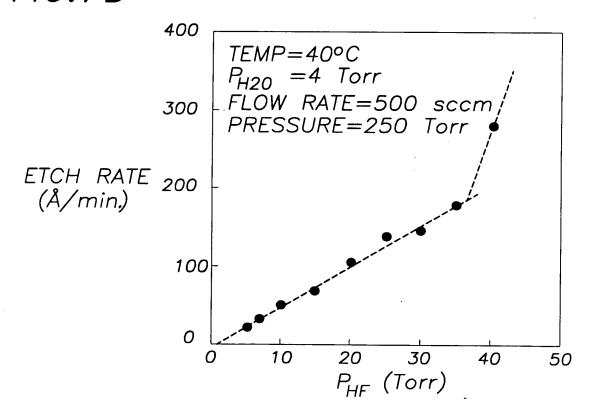


FIG. 8A

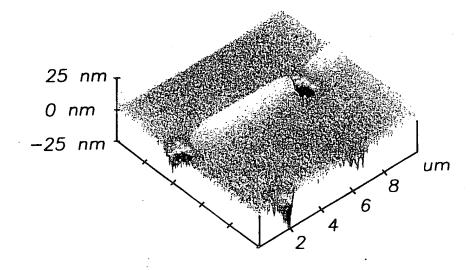
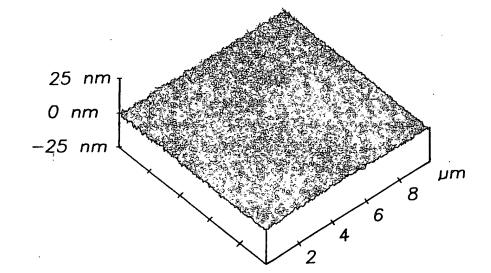
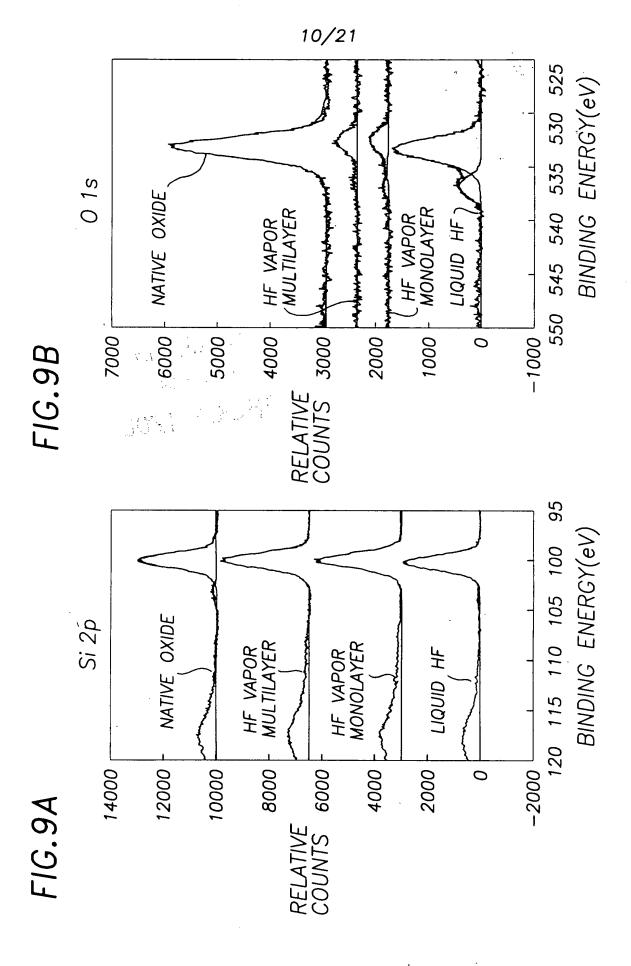


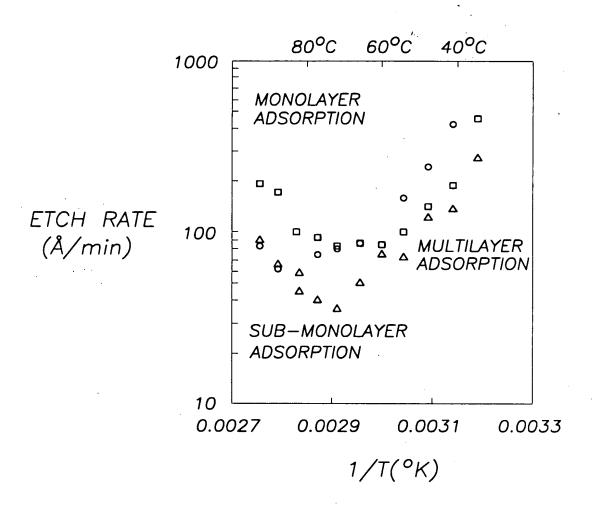
FIG. 8B





11/21 680 685 BINDING ENERGY(eV) 069 F 1s 700 695 - NATIVE OXIDE HF VAPOR MULTILAYER HF VAPOR MONOLAYER LIQUID HF -1000 L-9006 7000 2000 8000 0009 10000 RELATIVE 5000 COUNTS 4000 3000 1000 FIG.9D 280 BINDING ENERGY(eV) 300 295 290 285 C 1s NATIVE OXIDE 305 RELATIVE COUNTS 1000 2500 1500 2000 500 FIG.9C 0

FIG. 10



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FIG. 11A

Ψ(°) AT 4052Å

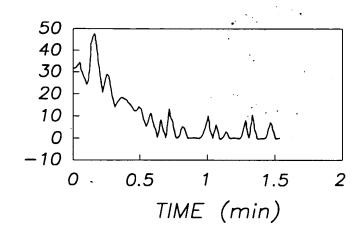


FIG. 1 1 B

Ψ(°) AT 4052Å

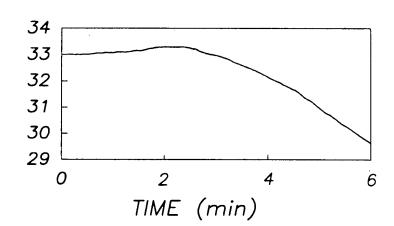
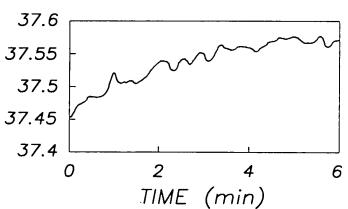
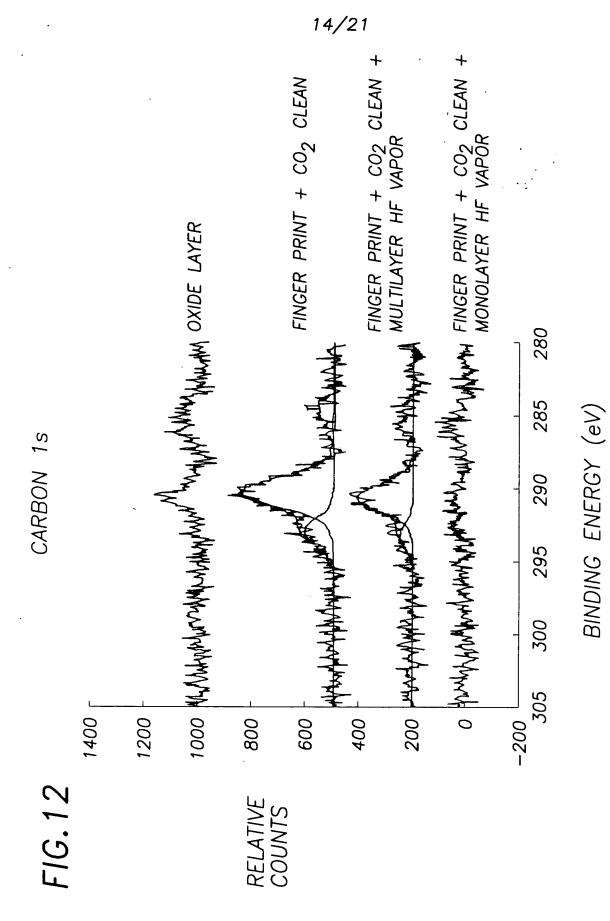


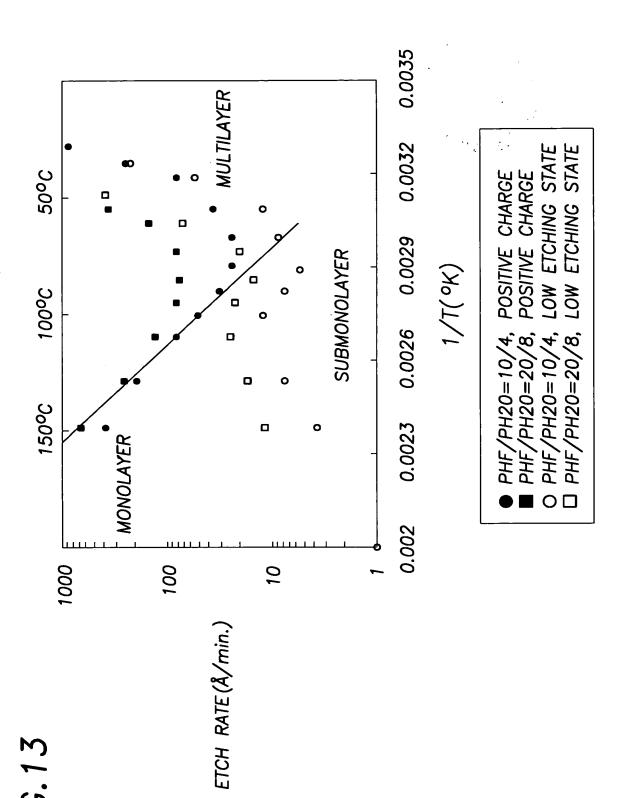
FIG. 11C

Ψ(°) AT 4052Å





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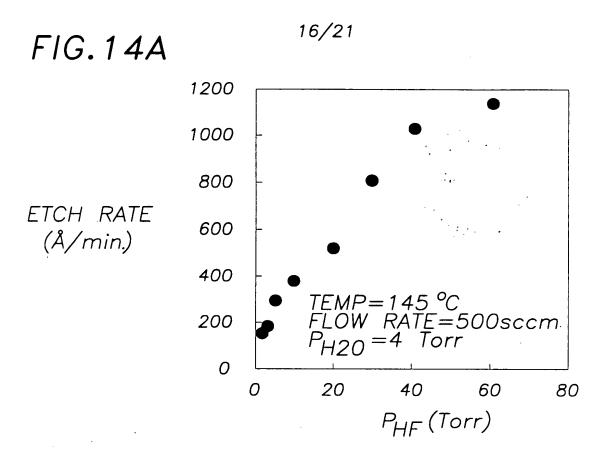


FIG. 14B

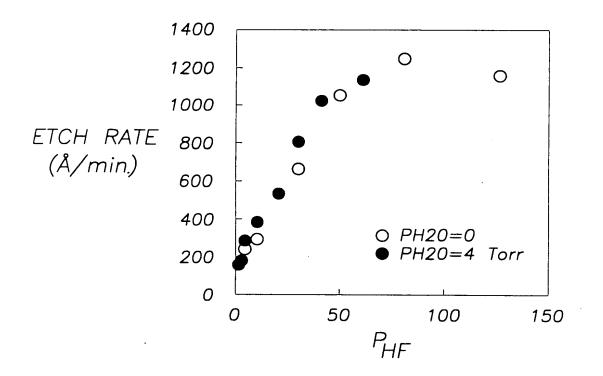


FIG. 15



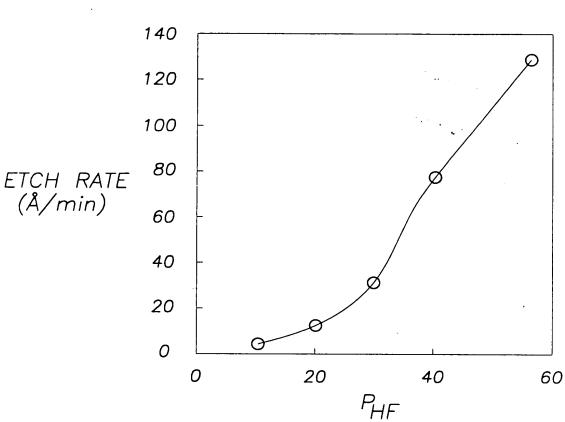


FIG. 16

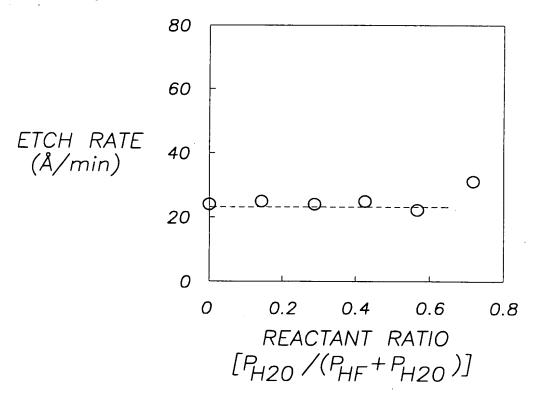
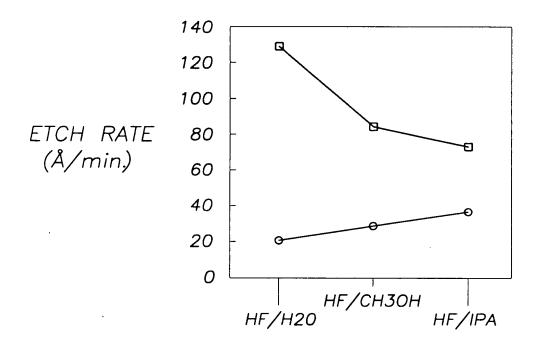
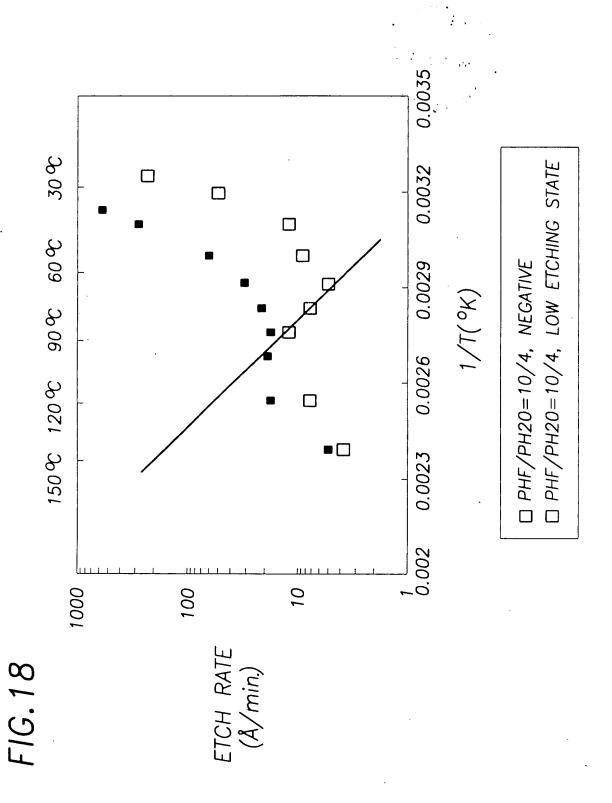


FIG. 17



─── NON-ACTIVATED ETCHING STATE
──── ACTIVATED ETCHING STATE

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Docket: MIT7941

USSN 09/498,303

Inventors: Han et al.

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